## CONDITIONS OF APPROVAL FOR OAK CREEK CANYON

# **FILES**

Environmental Review ENV-02-16; General Plan Map Amendment GPA-02-18; Specific Plan Map Amendment SPA-01-18; Zoning Map Amendment ZOA-02-18; Vesting Tentative Subdivision Map MAP-01-16; Development Plan Permit DP-01-19; and Tree Removal Permit TRP-31-19.

West Coast Home Builders, Inc. (Applicant and Owner)

# **Administrative**

1.	This approval is based on the following exhibits/reports received by the
	Community Development Department for 6 residential lots on the approximately nine
	(9) acre site as follows:

PLAN	DATED	PREPARED BY	PAGES
Vesting Tentative Map (VTM)	2/03/20	Isakson & Assoc. Inc.	1
Zoning Exhibit		Isakson & Assoc. Inc.	1
General Plan Exhibit		Isakson & Assoc. Inc.	1
Marsh Creek Road Specific Plan Exhibit		Isakson & Assoc. Inc.	
Site Plan and Design Review Booklet	2/24/2020	Discovery Design Group	34
Prelim. Grading Plan	2/3/2020	Isakson & Assoc. Inc.	2
Geotech Slope Constraints	3/18/2020	Isakson & Assoc. Inc.	1
Geotechnical /Geologic Peer Review	2/25/2020	Alan Kropp and Assoc. Inc.	4
Geotechnical Earthwork Calcs	11/3/2019	A.D. Seeno Const. Co.	6
Response to Review 2/25/20 Comments by Alan Kropp & Assoc.	3/10/2020	ENGEO	23
Supplemental Geotechnical/Geological Peer Review	3/18/2020	Alan Kropp and Associates, Inc.	2
Review letter of Engeo Updated Geotechnical	3/19/2008	Joyce Associates	3
Engeo Updated Geotechnical Report	2/22/2008	Engeo	84
Preliminary Landscape Plan	3/10/2020	MD Fotheringham Landscape Architects	12
Arborist report	10/10/2019	Traverso Tree Service	8

Stormwater Control Plan	5/17/2015	Isakson & Assoc. Inc.	19
Constraints Map	8/23/2019	Isakson & Assoc. Inc.	1
Rare Plant Survey Report	12/21/2018	Swaim Biological Incorporated	32
Biological Resources Assessment & Attach. A photos	06/11/2018	Swaim Biological Incorporated	32
HCP Application and Planning Survey Report	May 2018	Swaim Biological Incorporated	35
Utility Plan	6/12/2020	Isakson & Assoc. Inc.	1
Initial Study		Raney	
Title Report Pre	1/21/2020	Old Republic	

۷.	approvals of specific proposed improvements shown.
3.	The development shall comply with the City of Clayton Municipal Code, policies, and standards unless a specific exception is granted thereto, or is otherwise modified in these conditions or in the development agreement.
4.	Prior to the issuance of building permits architecture, sound walls, fencing, mailboxes, lighting, any accent paving, addressing, and landscaping for the entire project shall be subject to review and approval by the Planning Commission.
5.	Sound wall locations and elevations shall be included on the grading plan(s).
6.	A final and unchallenged approval of this project supersedes previous approvals that have been granted for this site.
7.	Permits or approvals, whether discretionary or ministerial, will not be considered if the applicant is not current on fees, reimbursement and/or other payments that are due the City.
8.	All required easements or rights-of-way for improvements shall be obtained by the applicant at no cost to the City of Clayton. Advance permission shall be obtained from any property or, if required from easement holders, for any work done within such property or easements.
9.	All easements of record that are no longer required and affect individual lots or parcels within this project shall be removed prior to or concurrently with the recordation of the final map or subsequent separate document as approved by City Engineer.

10.	All advertising signs shall be consistent with the Sign Ordinance or as approved by the Community Development Director.
11.	The approval is for a two-year period, which may be extended for an additional one year. Extension requests must be submitted prior to expiration of the initial approval and must be accompanied by the appropriate filing fee. An extension request is subject to review and approval of the Community Development Director.
12.	Pursuant to Government Code Section 66474.9, the applicant (including the subdivider or any agent thereof) shall defend, indemnify, and hold harmless the City of Clayton and its agents, officers, consultants, and employees from any claim, action, or proceeding against the City or its agents, officers, or employees to attack, set aside, void, or annul the City's approval concerning this subdivision map application, which action is brought within the time period provided for in Section 66499.37. The City will promptly notify the subdivider of any such claim, action, or proceeding and cooperate fully in the defense.
13.	The applicant agrees to indemnify, protect, defend, and hold harmless the City and its elected and appointed officials, officers, employees, consultants, and agents from and against any and all liabilities, claims, actions, causes, proceedings, suits, damages, judgements, liens, levies, costs, and expenses of whatever nature, including attorney's fees and disbursements arising out of or in any way relating to the issuance of this entitlement, any actions taken by the City relating to this entitlement, or the environmental review conducted under the California Environmental Quality Act for this entitlement and related actions.
14.	The project is subject to development impact fees and parkland dedication fees, as established in the Municipal Code at the time of payment.
15.	All mitigation measures set forth in the Oak Creek Canyon Subdivision Initial Study/Negative Declaration (ENV 02-16) are hereby incorporated into these Conditions of Approval, as if fully contained herein, except those found infeasible pursuant to Section 15091 of the California Environmental Quality Act Guidelines.
16.	The Developer shall be responsible for all fees and environmental review costs, including those charged by other governmental agencies including, but not limited to, the California Department of Fish and Wildlife (CDFW) and the U.S. Army Corps of Engineers (USACE).
17.	This application is subject to an initial application fee, which was paid with the application submittal, plus time and material costs if the application review expenses exceed 100% of the initial fee. Any additional fee due must be paid within 60 days of the permit effective date or prior to use of the permit, whichever occurs first. You may obtain current costs by contacting the project's assistant planner. If you owe additional fees, a bill will be sent to you shortly after permit issuance.

Kez	oning/Amendin	g
18.	designation for Low Density (LI designation for Facility (PF) to I	This tentative map approval is not effective until the General Plan the project site area has been amended to Private Open Space (PR) and D) as shown on the General Plan exhibit [GPA 02-18]; the Zoning Map the project site lots 1-6 have been rezoned From R-10 and Public Planned Development District (PD) [ZOA 02-18]; and the Specific Plan ded to adjust the areas of Open Space (OS) and LD to PR and LD [SPA 01-
Resi	idential Lots	
19.		The maximum number of units approved is six (6) single-family as shown on the tentative map, development package, and associated noted above.
Dev	elopment Plan/	Design Review
20.	submit for revie	60 days prior to the approval of the grading plan, the applicant shall ew and approval by the Community Development Director a revised lan set that depicts the modifications requested herein.
Мо	difications	
21.	to review and a	All revisions of the internal circulation plan or lot layout shall be subject approval of the Community Development Director and City Engineer at rior to filing the Final Map or obtaining a Grading Permit.
22.	Specific Plan (Nand site/develo	Saltbrush Lane shall be modified as shown in the Marsh Creek Road (ICRSP) right-of-way of 48 feet. The VTM, grading plans, landscape plans, opment plans shall be modified to depict grading of the full right-of-way ng the area adjacent to lot 6.
23.	of the right-of-v property, 6-foo on the west/no	The Developer shall construct a 4-foot sidewalk on the west/north side way which shall connect to the 6-foot pathway on the eastern side of the tlandscape strip (including curb) and 24-foot roadway (including gutter orth side). Additional width shall be constructed if a berm is required on side of the right-of-way for drainage purposes.
24.		Adjust the proposed Marsh Creek Road path design to provide 2 feet of rance from tree #43. [Mitigation Measure 5.b]
25.	easement over	The final map shall show an offer of dedication for a public utility Saltbrush Lane in addition to an offer of dedication in fee title for the of-way as approved by the City Engineer.
26.		Eliminate the two small storm drain detention basins and revise the

27.	Shift the meandering 6-foot-wide path along Marsh Creek Road to stan the public right-of-way (easterly of the Saltbrush Lane intersection).	У
28.	Eliminate trees on the Contra Costa Water District (CCWD) easements oted in their advisory notes.	as
29.	Provide an all-weather access to the stormwater detention basin.	
30.	Sound walls shall be added to construction plans as noted on the acoustical Study and shown in the Project IS/MND.	
31.	The Open Space Fencing shall be modified to reflect a rural mesh fenc	e.
Hon	eowners Association	
32.	A Homeowners Association (HOA) shall be formed for the maintenance of the project as shown on the Tentative Subdivision Map and development plans an ented below in the covenants, conditions and restrictions (CC&Rs).	
Cov	nants, Conditions and Restrictions	
33.	The CC&Rs for the single-family residential lots shall be submitted for he review and approval of the Zoning Administrator at least 60 days prior to filing the inal Map. This document shall provide for establishment, ownership, and maintenant common space (including the area between Marsh Creek Road and the property ne), parking, fire protection, tree protection, fencing, Saltbrush Lane, drainage naintenance, keeping of pets, and establishment of signs, and it will include conditions noted:	nce
	a. Setbacks for the home shall be as noted and shown on the approve	

- a. Setbacks for the home shall be as noted and shown on the approved project Site Plan. Deviations from that plan must be approved by the Community Development Director.
- b. The minimum dimension for any modification shall be consistent with the Clayton Municipal Code R-10 district.
- c. The building heights shall not exceed thirty-five (35) feet.
- d. Fencing is per the Project Fencing Plan as modified to show a rural mesh fence for the Open Space Fencing. Property owners are responsible for the repair and maintenance of the fences along their respective property lines. The fences shall be maintained in a style consistent with the design approved by the City, unless prior written approval is obtained from the Community Development Director.
- e. All fencing located on the Marsh Creek Road frontage portion of lots 1, 2, and 6 shall be set back at least fifty (50) feet from the edge of the right-of-way.
- f. All fencing located on the upslope portions of lots 2-5 behind the residences shall be open wire fencing. Solid fencing is prohibited in these areas.

- g. Property owners shall maintain any gates on their property needed for access to aboveground or underground drainage facilities.
- h. Gates to the private open space must accommodate fire apparatus per the Contra Costa County Fire Protection District (CCCFPD).
- i. The property owners of lots 2, 3, 4, and 5 shall be responsible for the maintenance of the graded bench. Furthermore, property owners shall not modify the graded bench and drainage facilities without prior written approval from the City of Clayton. The property owners shall not place or store any materials or structures on the bench or on the slope above the bench.
- j. The owner shall cut down and remove all weeds, grass, vines, or other growth that is capable of being ignited and endangering property. (304.1.2) California Fire Code (CFC).
- k. No provision in the CC&Rs that is included as a result of these Conditions of Approval may be amended without the prior written approval of the City of Clayton.

34.	The CC&Rs document shall reference the approved drainage improvement maintenance plan and the fencing plan program.
35.	The CC&Rs shall state that all residential units constructed on the lots 1, 2, and 6 shall provide outdoor areas that are exposed to noise levels from Marsh Creek Road at levels no greater than 60 dB.
36.	The CC&Rs shall clearly note that all subdivision maintenance is to be done by the property owner, r the Homeowners Association or the community facilities district.
37.	The CC&Rs shall make an adequate provision for funding road maintenance and establishing a maintenance cycle standard.
38.	The CC&Rs shall make an adequate provision for funding the maintenance of the C.3 storm drainage facilities and establishing a maintenance cycle standard.
39.	In accordance with the County Child Care Ordinance, the CC&Rs shall indicate that a child care facility may be located at any residential unit or lot, consistent with the existing laws.
40.	The Developer shall provide homeowners with educational materials regarding proper storage and disposal of household hazardous wastes, including fuels, oils, paints, and solvents. The format and wording of the educational materials shall be approved in advance by the Community Development Director.

#### **CC&R Deed Restrictions**

41.	The Covenants, Conditions and Restrictions (CC&Rs developed for this
	project shall include the following deed restrictions. The wording of the following deed
	disclosures shall be approved by the Clayton Community Development Director and
	City Attorney. The following deeds are to be recorded concurrently with the final map,
	and a note on the final map shall be utilized:

- A. The final map shall show private open space deed restrictions in the locations listed below. The restrictions are intended to preserve the open and attractive visual character of the subject area. The restrictions shall prohibit grading (except for remedial grading, drainage improvements, and disking for weed abatement); construction of all buildings and structures; and storage of any motor vehicles, trailers, recreational vehicles, graders, tractors, or similar equipment.
  - 1. The western portion of lot 2, beginning at the western edge of the 50-foot-wide roadway and pipeline easement serving the CCWD parcel.
  - 2. The northern portions of lots 3-5 above the V-ditch drainage bench generally located at elevation of 630 feet.
  - 3. The detention basin on lot 6 in the Storm Drain Management Easement.
- B. Concurrent with recordation of the Final Map, and consistent with the provisions and intent of the Contra Costa County's "Right to Farm" Ordinance, the following statement shall be recorded at the County Recorder's Office for each parcel within the subdivision to notify owners of the lots that they own property in an agricultural/grazing area:

"This document shall serve as notification that you have purchased land in an agricultural area where you may regularly find farm equipment using local roads; farm equipment causing dust; crop dusting and spraying occurring regularly; burning associated with agricultural activities; noise associated with farm equipment and aerial crop dusting, and certain animals and flies may exist on surrounding properties. This statement is, again, notification that this is part of the agricultural way of life in the open space areas of Contra Costa County and you should be fully aware of this at the time of purchase."

- C. No alterations of Storm Drain Management Easement on lot 6 shall be allowed, except for activities approved as part of a maintenance, preservation, and/or enhancement plan. The deed restriction shall prohibit, in perpetuity, use and improvements within the Storm Drain Management Easement. Specifically, the deed restriction shall prohibit any physical alterations within the Storm Drain Management Easement, including vegetation removal, vegetation planting, landform alterations, or construction of structures or improvements. The deed restriction shall be recorded concurrently with the final map.
- D. A deed restriction shall alert each property owner to the possible presence of buried human remains and/or artifacts. The deed restriction shall require that if any of these cultural remains are discovered during-ground disturbing activities, work shall be halted within 50 feet of the discovery until a qualified archaeologist is retained to inspect the discovery. If the archaeologist determines that the find is important, no additional construction shall take place until the find can be fully evaluated according to procedures outlined in Section 106 of the Historic Preservation Act. If human remains are uncovered, the Contra Costa County Coroner shall be notified immediately. If the remains are determined to be Native American, a qualified Native American representative shall be contacted, and the Native American Heritage Commission (NAHC) shall be notified within 24 hours. The most likely descendants (MLD) of the deceased shall be given the chance to make recommendations for the remains. If no recommendations are made within 24 hours, remains may be reinterred elsewhere. If recommendations are made and not accepted, the NAHC shall mediate the problem.
- E. Applicant shall record a statement to run with deeds to property stating that no trees are to be removed on the property, excepting those approved to be removed on the project's tree preservation plan, without obtaining a tree permit from the Community Development Department.
- F. Applicant shall record a statement to run with deeds to property acknowledging the approved geotechnical report by title, author (firm), and date, calling attention to approved recommendations, and noting that the report is available from the seller.
- G. Prepare a deed disclosure to be recorded with each lot that they are in a Community Facilities District (CFD). Should the HOA become defunct for any reason, the CFD will require annual assessment installments, hereinafter collectively referred to as special liens. If

special liens described above are not paid, foreclosure proceedings may be initiated at any time. After property taxes become delinquent, property may be sold for the delinquent amounts earlier than with regular property taxes.

- H. Notification shall be provided on the deeds and California Department of Real Estate disclosure forms to future property owners regarding the presence of oil pipelines, the public trail north and east of the project site, and the planned extension of the project road to serve future residential development to the east.
- I. The deeds for lots 1, 2, and 3 shall contain wording which notifies future owners of the potential serious risks to the respective owners and residents from failure of the CCWD Seminary Water Tank and subsequent inundation of the respective lots and property. The notification wording on the deed shall be subject to the review and approval by the Community Development Director.
- J. The deed for lot 6 shall contain wording that notifies future owners that the Saltbrush Lane may be widened and no encroachments, including tree planting, are permitted in the right-of-way adjacent to the property. This deed restriction shall terminate with the construction of the roadway widening.

42	•	The deeds for all lots shall contain language that prohibits any future
	land division(s	s) to create additional home sites.

## **Community Facilities District**

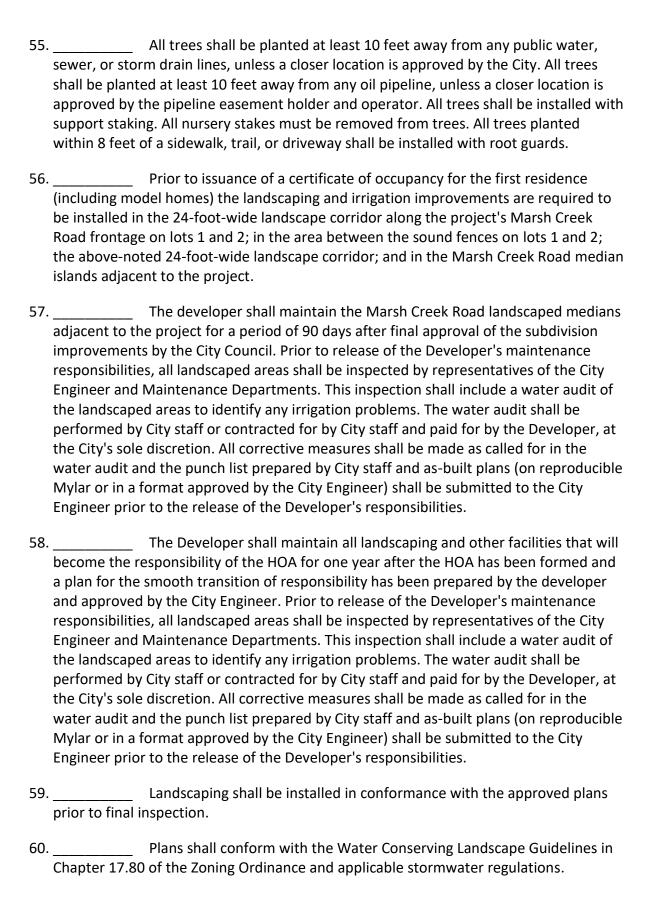
- 43. \_\_\_\_\_ If not already a part of the City's existing landscape maintenance district, the Developer shall annex into the district prior to the issuance of the first certificate of occupancy or sale of any lot, whichever comes first. The annexation request shall include annual rate adjustments to account for cost-of-living increases. The landscaping and irrigation improvements required to be installed in the median islands in Marsh Creek Road shall be operated and maintained by the City as part of the duties of the City's existing landscape maintenance district.
- The maintenance of all public and private landscaping and stormwater facilities on or adjacent to the development from the back of curb on Marsh Creek Road is the responsibility of the HOA. The developer shall form a CFD that will levy the assessments should the HOA fail to fulfill its requirements. Prior to approval of the final map, the Developer shall submit a written request for and consent to the formation of a CFD (consistent with the Mello-Roos Community Facilities Act of 1982). Prior to issuance of a certificate of occupancy for the first residence (including model homes) or the sale of any lot, whichever comes first, the Developer shall participate in the formation, including the holding of a ballot election and the levying of assessments, of the CFD. The CFD shall include the land area of lots 1-6. The CFD shall include annual

rate adjustments to account for cost-of-living increases. (Note: This CFD is separate from the existing City-wide landscape district.) Assessments shall be levied to fund the cost of all operating, maintenance, and repair needs for all of the storm drainage facilities and basin improvements on lot 6; periodic inspections and testing; roadway maintenance; operating, maintenance, and repair needs for the irrigation and landscaping; periodic inspections costs; City administrative and reporting costs; County levy and collection costs; City overhead charges; and reserve funds for capital replacements and major repairs. 45. \_\_\_\_\_ The Developer shall pay a fair share contribution, as determined by the City Engineer, to the City for impacts to city services (e.g., police, library, administration, planning, maintenance, and engineering) directly related to impacts of the proposed project, including impact fees and the establishment of the CFD. The payment shall be made at the time of issuance of the building permit for the project's first unit and shall be based on the findings of the fiscal impact study prepared for the CFD. Tree Retention and Landscaping 46. \_\_\_\_\_ Prior to occupancy of the first residence, the Developer shall install the landscaping and irrigation generally shown on the landscape plans (Figure 10 and 11 of the IS/MND), subject to City review and approval. 47. A note shall be added to the grading plan that references the October 10, 2019, project's Arborist Report. All trees to be saved and removed shall be marked on the grading plan. The Community Development Department shall review and approve grading, landscape, and improvement plans to ensure adequate measures are taken to protect trees. 48. \_\_\_\_\_ All trees greater than 6 inches in diameter at 4.5 feet above ground level on lot 4 shall be retained. If, during construction, it is found that it is necessary to remove of these trees, construction shall be halted in the immediate area of the subject tree(s) until a revision to the tree retention actions shown on the grading plan is reviewed and approved by the Community Development Director. The applicant shall submit for the review and approval of the Community 49. Development Director a tree protection plan to identify the location of the existing trees to be retained, as identified in the Arborist Report. a. Adjust the proposed Marsh Creek Road path design to provide 2 feet

- of additional clearance from tree #43.
- b. Prior to construction or grading, the project contractor shall install fencing to construct a temporary Tree Protection Zone (TPZ) around trees #43 and #60.

- c. TPZ fencing shall remain in an upright sturdy manner from the start of grading until the completion of construction. Fencing shall not be adjusted or removed without consulting the project arborist.
- d. If roots greater than 2 inches in diameter are encountered near tree #61 during construction of the proposed ditch, roots shall be cleanly pruned with a handsaw or sawzall.
- e. Pruning shall be performed by personnel certified by the International Society of Arboriculture (ISA). All pruning shall adhere to the ISA and American National Standards Institute standards and best management practices (BMPs).
- f. Should TPZ encroachment be necessary, the project contractor shall contact the project arborist for consultation and recommendations.
- g. The project contractor shall keep TPZs free of all construction-related materials, debris, fill soil, equipment, etc. The only acceptable material is mulch spread out beneath the trees.
- h. Should any damage to the trees occur, the contractor shall promptly notify the project arborist to appropriately mitigate the damage.
   [Mitigation Measure 5]
- 50. \_\_\_\_\_ Landscape and irrigation improvement plans shall be submitted for review and approval by the Community Development Department, Maintenance Department, and City Engineer that meet the requirements of Chapter 17.80 of the Zoning Ordinance and reference plan modifications noted in COA's 13-18 and include the following features and stipulations:
  - a. Landscaping and irrigation in the medians in Marsh Creek Road along the project's frontage, including light-colored pavers which match the existing pavers along Marsh Creek Road, low-profile rocks (which do not obstruct driver visibility) at the western and eastern ends of the median bulbs, and crepe myrtle trees.
  - A 24-foot (minimum) landscape corridor accommodating a meandering pedestrian/equestrian path and clustered planting of oaks in the project's frontage on Marsh Creek Road.
  - c. Landscaping in the area between the sound fences on lots 1 and 2 and the above-noted 24-foot wide-landscape corridor.
  - d. Perimeter landscaping on lot 6 along the project road in a 25-footwide strip extending from the back of the curb.
  - e. A wildflower mix (subject to the approval of the Community Development Director) shall be applied on all areas of lot 6 that are outside of the landscaped areas along Marsh Creek Road, the project road, and the stormwater detention basin.

- f. Groundcover and landscaping at the project entry shall be on private property.
- g. Landscaping shall utilize native trees, including oaks with genetics similar to native oaks in the Clayton area (if such oaks are reasonably available).
- h. All trees installed pursuant to these conditions of approval shall not be removed or severely pruned without a tree removal permit.
- i. Water meters and irrigation systems will include automatic rain controls.
- j. All anti-siphon water valves shall be screened.
- k. All newly-graded areas in or adjacent to the public right-of-way shall not exceed a 3:1 (horizontal:vertical) ratio,
- I. A layer of mulch 2 to 4 inches thick shall be applied in all landscape areas.
- 51. \_\_\_\_\_ Three sets of the final landscape and irrigation plans shall be submitted with the grading and improvement plans for review and approval by the Community Development Department, Engineering Department, and the Maintenance Department. These plans shall be approved prior to issuance of grading or encroachment permits. The landscape and irrigation plans shall be prepared by a landscape architect; have overall dimensions of 24 inches by 36 inches; contain approval blocks for the Community Development Director, City Engineer, and Maintenance Department; and show all existing and proposed public utilities within the project limits.
- 52. \_\_\_\_\_ Landscaping is to be maintained by the individual property owner(s) and/or the HOA and/or CFD and shall be installed in conformance with the approved plans prior to occupancy of the individual residence(s).
- 53. \_\_\_\_\_ Landscaping is subject to inspection by the Maintenance Department and must be guaranteed for one year from the date of acceptance of the subdivision improvements by the City Council.
- 54. \_\_\_\_\_ Installation of all irrigation and landscaping shall be performed by a licensed contractor. Open trench inspection of the irrigation installation in City right-of-way is subject to approval of the City Maintenance Department. Prior to the final inspection by the Maintenance Department, the installation shall be approved by the landscape architect.



# **Fencing Conditions**

- 61. \_\_\_\_\_ The fencing plan shown on the Front Yard Landscape Plan L-3) shall be amended to show the items listed below and submitted for review and approval by the Community Development Department.
  - a. Lot 1 The "split view fence" shall be constructed as a sound fence (i.e., solid plywood core) along the eastern, southern, and western sides of the lot.
  - b. Lot 2 A " split view fence " constructed as a sound fence shall be installed along the southern side of the property to the graded daylight line, set back at least 50 feet from the edge of the right-ofway of Marsh Creek Road.
  - c. Lot 6 The "split view fence" shall be constructed as a sound fence (i.e., solid plywood core) along the eastern, southern, and western sides of the lot.
  - d. Notation shall be maintained on final plans to indicate that all fencing located on the Marsh Creek Road frontage portion of lots 1, 2, and 6 shall be set back at least 50 feet from the edge of the right-of-way.
  - e. Lot 5 A 6-foot-high, tubular aluminum fence shall be installed with gates and a locking system as specified by the City Engineer.
- 62. \_\_\_\_\_ All fences and walls in proximity to Marsh Creek Road public right-of-way shall be located at least 1 foot inside the respective parcel.
- 63. \_\_\_\_\_ Any fences crossing easements for landscape or drainage facility maintenance shall have 9-foot-wide, lockable gates, which shall be maintained by the lots' respective property owners.
- 64. \_\_\_\_\_ The Open Space Fencing shall be modified to reflect a rural mesh fence.

# Grading

- 65. \_\_\_\_\_ Prior to any ground disturbance related to covered activities, a U.S. Fish and Wildlife Service (USFWS)/CDFW-approved biologist shall conduct a preconstruction survey in areas identified in the planning surveys as having potential burrowing owl habitat. The surveys shall establish the presence or absence of western burrowing owl and/or habitat features and evaluate use by owls in accordance with CDFW survey guidelines (CDFW 1995).
  - a. On the parcel where the activity is proposed, the biologist shall survey the proposed disturbance footprint and a 500-foot radius from the perimeter of the proposed footprint to identify burrows and owls. Adjacent parcels under different land ownership shall not be surveyed. Surveys shall take place near sunrise or sunset in accordance with CDFW guidelines. All burrows or burrowing owls shall be identified and mapped. Surveys shall take place no more

- than 30 days prior to construction. During the breeding season (February 1 to August 31), surveys shall document whether burrowing owls are nesting in or directly adjacent to disturbance areas. During the nonbreeding season (September 1 to January 31), surveys shall document whether burrowing owls are using habitat in or directly adjacent to any disturbance area. Survey results shall be valid only for the season (breeding or nonbreeding) during which the survey is conducted.
- b. If burrowing owls are found during the breeding season (February 1 to August 31), the project proponent shall avoid all nest sites that could be disturbed by project construction during the remainder of the breeding season or while the nest is occupied by adults or young. Avoidance shall include establishment of a non-disturbance buffer zone (described below). Construction may occur during the breeding season if a qualified biologist monitors the nest and determines that the birds have not begun egg-laying and incubation or that the juveniles from the occupied burrows have fledged. During the nonbreeding season (September 1 to January 31), the project proponent should avoid the owls and the burrows they are using, if possible. Avoidance shall include the establishment of a buffer zone (described below).
- c. During the breeding season, buffer zones of at least 250 feet in which no construction activities can occur shall be established around each occupied burrow (nest site). Buffer zones of 160 feet shall be established around each burrow being used during the nonbreeding season. The buffers shall be delineated by highly visible, temporary construction fencing.
- d. If occupied burrows for burrowing owls are not avoided, passive relocation shall be implemented. Owls should be excluded from burrows in the immediate impact zone and within a 160-foot buffer zone by installing one-way doors in burrow entrances. These doors should be in place for 48 hours prior to excavation. The project area should be monitored daily for one week to confirm that the owl has abandoned the burrow. Whenever possible, burrows should be excavated using hand tools and refilled to prevent reoccupation (CDFW 1995). Plastic tubing or a similar structure should be inserted in the tunnels during excavation to maintain an escape route for any owls inside the burrow. [Mitigation Measure 1]
- 66. \_\_\_\_\_\_ If work is scheduled to take place between February 1 and August 31, a pre-construction nesting bird survey shall be conducted by a qualified biologist within 14 days of construction, covering a radius of 250 feet for non-listed raptors and 100 feet for non-listed passerines at all locations. The findings of the survey shall be submitted to the Community Development Department. If an active bird nest is found within these buffers, species-specific measures shall be prepared by a qualified

biologist and implemented to prevent abandonment of the active nest. At a minimum, grading in the vicinity of a nest shall be postponed until the young birds have fledged. If an active nest is present, a minimum exclusion buffer of 100 feet shall be maintained during construction, depending on the species and location. The perimeter of the nest setback zone shall be fenced or adequately demarcated with stakes and flagging at 20-foot intervals, and construction personnel and activities restricted from the area. A survey report by a qualified biologist verifying that no active nests are present, or that the young have fledged, shall be submitted prior to initiation of grading in the nest-setback zone. The qualified biologist shall serve as a biological monitor during those periods when construction activities occur near active nest areas to ensure that no inadvertent impacts on these nests occur. [Mitigation Measure 2]

- Protocol-level special-status plant surveys were conducted within the project area in April, June, August, and October of 2018, and no special-status plant species were identified. Survey results are valid for three years. If construction does not commence before spring of 2021, then new focused plant surveys shall be performed according to CDFW and California Native Plant Society (CNPS) protocol, as generally described below. Surveys for rare plant species shall be conducted using approved CDFW/USFWS methods during the appropriate season for identification of large flowered fiddleneck, big tarplant, round-leaved filaree, Mt. Diablo fairy lantern, diamond-petaled poppy, and showy golden madia. The blooming periods for each species is described in the Biological Resources Assessment prepared for the proposed project by Swaim Biological, Inc.
  - a. If during surveys East Contra Costa County Habitat Conservation Plan/Natural Communities Conservation Plan (ECCHCP/NCCP) covered or no-take species are found, the location, extent and condition of all occurrences shall be documented in a survey report and submitted to the City of Clayton. California Natural Diversity Database (CNDDB) California Native Species Field Survey Forms for all covered or no-take plants encountered on the site shall also be completed and submitted to the City of Clayton and the CNDDB.
  - Results of surveys shall inform project design. In order to comply with the ECCHCP/NCCP, construction activities shall avoid all impacts on extremely rare no-take species and shall implement plant salvage when impacts to covered plant species are unavoidable.
     Conservation measures described in the ECCHCP/NCCP shall be adhered to. If a rare plant is found that is not covered by the ECCHCP/NCCP, appropriate conservation measures similar to those required by the ECCHCP/NCCP shall be developed on a plant by plant basis and in accordance with CDFW and CNPS. [Mitigation Measure 3]

- Prior to approval of grading plans for the proposed project, the project applicant shall complete a formal wetland delineation and submit the delineation to the USACE for verification.
  - a. In the event that the proposed project site is determined to include jurisdictional wetlands that would be altered as part of the proposed development, a Section 404 permit for fill of jurisdictional wetlands shall be acquired, and mitigation for impacts to jurisdictional waters that cannot be avoided shall conform with the USACE "no-net-loss" policy prior to approval of grading plans. To the extent feasible, however, the project shall be designed to avoid and minimize adverse effects on waters of the U.S. or jurisdictional waters of the State of California within the project area. Mitigation for impacts to both federal and State jurisdictional waters shall be addressed using these guidelines.
  - b. If a Section 404 permit is obtained, the applicant must also obtain a water quality certification from the Regional Water Quality Control Board (RWQCB) under Section 401 of the Clean Water Act (CWA). Written verification of the Section 404 permit and the Section 401 Water Quality Certification shall be submitted to the Community Development Department.
  - c. The applicant shall also provide evidence to the Community Development Department of consultation with CDFW to determine if a Streambed Alteration Agreement is required for on-site activities pursuant to Section 1602 of the CDFW Code.
  - d. If the mapped drainage shown on the U.S. Geological Survey and other data sources is determined by regulatory agencies to be a jurisdictional waters on the site, then an ECCCHCP/NCCP fee calculation for permanent impacts to wetlands or streams should be assessed in addition to the development fee, unless the design of the proposed project is modified to avoid regulated habitat or provide adequate alternative compensatory mitigation. [Mitigation Measure 4]
- Prior to the issuance of a grading permit, the grading plan shall include a requirement (via notation) indicating that if cultural resources or human remains are encountered during site grading or other site work, all such work shall be halted immediately within 100 feet of the area of discovery and the contractor shall immediately notify the City of the discovery. In such case, the City, at the expense of the project applicant, shall retain the services of a qualified archaeologist for the purpose of recording, protecting, or curating the discovery as appropriate. The archaeologist shall be required to submit to the City for review and approval a report of the findings and method of curation or protection of the resources. Further grading or site work within the vicinity of the discovery, as identified by the qualified archaeologist, shall not be allowed until the preceding steps have been taken.

- Pursuant to State Health and Safety Code §7050.5(c) State Public Resources Code §5097.98, if human bone or bone of unknown origin is found during construction, all work shall stop within 100 feet of the vicinity of the find and the Contra Costa County Coroner shall be contacted immediately. If the remains are determined to be Native American, the Coroner shall notify NAHC who shall notify the person believed to be the MLD. The MLD shall work with the contractor to develop a program for re-internment of the human remains and any associated artifacts. Additional work shall not take place in the immediate vicinity of the find, which shall be identified by the qualified archaeologist at the applicant's expense, until the preceding actions have been implemented. [Mitigation Measure 7]
- 71. The Grading Plan shall be amended as follows:
  - a. Designs and actions listed in the Oak Tree Preservation Plan required to be prepared by Mitigation Measure 5 shall be incorporated into the grading plan.
  - b. A licensed surveyor or engineer shall survey the locations and limits of the trunk and dripline of all trees to be retained that could be affected by any work during project construction. The locations and limits shall be shown on the grading plans and appropriate construction and plot plans.
  - c. Add note: Construction contractors shall contact pipeline operators (e.g., Shell, Conoco-Phillips, Crimson) at least seventy-two (72) business hours (excluding weekend and public holidays) prior to start of construction activities to obtain information on the location of underground oil pipes.
  - d. The stormwater detention basin BR1 shall accommodate the flows of both BR2/3 that are to be eliminated.
  - e. All disturbed slopes steeper than 10% shall be track-walked for surface compaction, covered with jute netting and hydroseeded, or stabilized with other techniques acceptable to the City Engineer.
  - f. The exterior edges of the pads for lots 1-6 that are visible from offsite locations shall be contoured and feathered so that transitions between flat areas and graded slopes, or between graded and ungraded areas, are rounded off to avoid a mass-graded, padded lot effect. All new graded slopes must be configured to undulate and avoid relatively flat planes or sharp transitions to un-graded areas, particularly the western edges of lots 2 and 3.
  - g. All required side setbacks shall contain at least 5 feet of flat, unoccupied area. "Flat" means a cross-slope between 2% and 10%. "Unoccupied" means no encroachments by fireplaces, building popouts (with or without a foundation), air conditioning pads, and the like.

- h. Two feet of flat area shall be provided on the graded portions of properties between a property or right-of-way line and the top of slope.
- i. All retaining walls in the project shall be constructed of segmental units (a.k.a., keystone), masonry block, or concrete. All retaining walls visible from street or sidewalk areas shall be covered with a stone fascia. Retaining walls greater than 3 feet in height shall be designed by a licensed engineer.
- j. Signature blocks shall be provided for the Community Development Director and the City Engineer.
- 72. Prior to approval of the improvement plans for the project, all recommendations from the Geotechnical Report prepared for the project by ENGEO (2008) shall be incorporated into the improvement plans to the satisfaction of the City Engineer. In addition, the applicant shall retain a California-registered Geotechnical Engineer to perform field observations during grading to determine the depth of removal of compressible soils. Compliance with the recommendations of the Geotechnical Engineer shall be provided to the City Engineer. [Mitigation Measure 8]
- 73. \_\_\_\_\_ Should any portion of the driveway providing access to lots 1 and 2 exceed a grade of 16%, the entire shall be widened to 20 feet in width or as approved by the City Engineer.
- 74. \_\_\_\_\_ Prior to the issuance of a grading permit, the project applicant shall prepare to the satisfaction of the City Engineer an erosion control plan that utilizes standard construction practices to limit the erosion effects of the proposed project during construction. Actions should include, but are not limited to:
  - a. Hydro-seeding;
  - Placement of erosion control measures within drainage ways and ahead of drop inlets;
  - c. The temporary lining (during construction activities) of drop inlets with "filter fabric";
  - d. The placement of straw wattles along slope contours;
  - e. Use of a designated equipment and vehicle "wash-out" location;
  - f. Use of siltation fences;
  - g. Use of on-site rock/gravel road at construction access points; and
  - h. Use of sediment basins and dust palliatives. [Mitigation Measure 9]
- 75. \_\_\_\_\_ Grading and construction plans and specifications for the project shall include the wording which specifies that construction contractors shall contact all pipeline operators (e.g., Shell, Conoco-Phillips) at least forty-eight (48) hours prior to

	start of construpipes. [Mitigat		on activities to obtain detailed identification of underground oil  Measure 12]
76.	Real Estate discoil pipelines. The	clos he v	tification shall be provided on the deeds and California Department of sure forms to future property owners regarding the presence of crude wording of the notification shall be approved by the Clayton opment Director and City Attorney. [Mitigation Measure 13]
77.	the following n	nea	ring grading and construction, the project contractor shall ensure that sures are implemented, consistent with the recommendations in the ise and Analysis prepared for the proposed project:
		a.	Grading and construction activities shall be limited to the daytime hours between 7:00 AM and 5:00 PM Monday through Friday, as specified in Section 15.01.101 of the Clayton Municipal Code. Any such work beyond said hours and days shall be strictly prohibited unless previously specifically authorized in writing by the City Engineer or designee or by project conditions of approval;
		b.	All noise-producing project equipment and vehicles using internal- combustion engines shall be equipped with manufacturers- recommended mufflers and be maintained in good working condition;
		c.	All mobile or fixed noise-producing equipment used on the project site that are regulated for noise output by a federal, State, or local agency shall comply with such regulations while in operation on-site;
		d.	Electrically powered equipment shall be used instead of pneumatic or internal combustion-powered equipment, where feasible;
		e.	Material stockpiles and mobile equipment staging, parking, and maintenance areas shall be located as far as practicable from noise-sensitive receptors; and
		f.	Construction site and access road speed limits shall be established and enforced during the construction period.
		g.	The requirements above shall be included, via notation, on the final grading plan submitted for review and approval by the Community Development Director prior to grading permit issuance. [Mitigation Measure 14]
78.	minimize the g	ene Dist	e Developer shall identify the BMPs for protection of air quality to eration of dust during construction. The Bay Area Air Quality rict's Basic Construction Measures shall be included within the an and shall be approved prior to issuance of project grading permits:

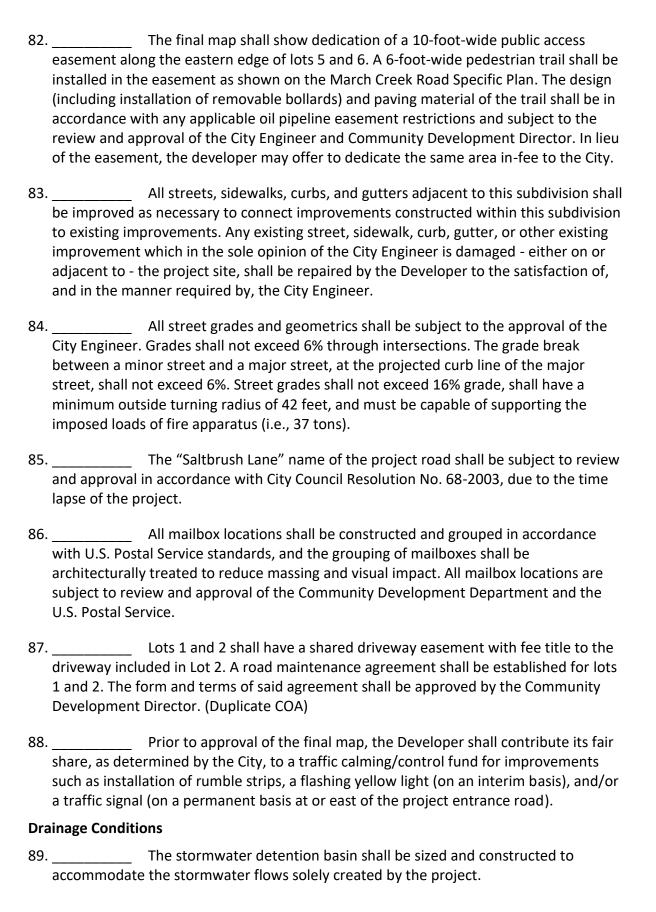
a. All haul trucks transporting soil, sand, or other loose material off-site

shall be covered.

- b. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- c. All vehicle speeds on unpaved roads shall be limited to 15 mph.
- d. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- e. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations). Clear signage shall be provided for construction workers at all access points.
- f. All construction equipment shall be maintained and properly tuned in accordance with manufacturers specifications. All equipment shall be checked by a certified visible emissions evaluator.
- g. A publicly visible sign shall be posted with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

#### **Street Conditions**

79.	Prior to the issuance of a grading permit, the project road labeled
	Saltbrush Lane shall be modified. The right-of-way width for the project road shall be 48 feet. The ultimate street width shall be 32 feet from face-of-curb to face-of-curb. A sidewalk shall be provided on the north side of the project road and shall have a width of 4.5 feet (from face-of-curb). Residential setbacks shall be measured from the edge of the right-of-way.
80.	Parking shall be prohibited along the south side of the project road and along the north side of the project road from Marsh Creek Road to the northern end of the proposed median. The parking prohibition shall be indicated by painting the face and top of curb red.
81.	A meandering, 6-foot-wide pedestrian path shall be installed along Marsh Creek Road from the Community Park entrance to the eastern edge of the project site. The design and paving material of the path shall be subject to the review and approval of the City Engineer and Community Development Director. The path shall be set back at least 6 feet from the back of the curb, excepting the area east of the project intersection where it is adjacent to the curb to keep the path in the public right-of-way.



90.	All ditches for conveying stormwater runoff shall be constructed of tancolored reinforced concrete and shall have a maximum longitudinal slope of 10%. All stormwater runoff from impervious areas shall be treated and contaminants removed prior to discharge off of the site or into a natural water channel. The design of the detention and treatment facilities shall be subject to the approval of the City Engineer and Community Development Director and shall include, but not be limited to, the installation of drywells for percolation.
91.	All drainage collection (ditches, storm drains, etc.) and treatment facilities, and access to such facilities, shall be located in public storm drain easements, which shall be shown on the final map. City personnel or contracted forces shall have the right of access to conduct inspections and maintenance of all on-site drainage devices. Maintenance of such facilities shall be the responsibility of the HOA and/or CFD.
92.	The Mosquito and Vector Control District and its contractors shall have the right of access to conduct inspections and maintenance of all on-site drainage devices.
93.	All roofs shall have rain gutters with rainwater leaders that directly discharge into an on-lot underground system which discharges through the face of curb at streets or into a concrete-lined ditch or storm drain inlet.
94.	The improvement plans shall reflect that all on-site storm drain inlets shall be labeled "No Dumping — Drains to Creek" using thermoplastic stenciling or equivalent permanent method, subject to City approval.
95.	The Developer shall comply with all rules, regulations, and procedures of the National Pollution Discharge Elimination System (NPDES) as promulgated by the California State Water Resources Control Board (SWRCB), the San Francisco Bay RWQCB, and the Contra Costa County Clean Water Program. The project management and design shall include BMPs during construction and post-construction phases for the elimination of storm water pollutants to the maximum extent practicable.
96.	The Developer shall provide proof that a "Notice of Intent" has been filed with the State Regional Water Quality Control Board. Prior to acceptance of the subdivision the Developer shall provide proof to the City that the "Notice of Intent" has been closed out by the State Regional Water Quality Control Board.
97.	Prior to the issuance of a grading permit, the Developer shall prepare and submit to the City a Stormwater Pollution Prevention Plan (SWPPP) in conformance with the requirements set forth by the RWQCB. The SWPPP shall include preconstruction, construction, and post-construction BMPs. The SWPPP shall also include, but not be limited to:

- Sampling (pre-construction, during construction, and postconstruction) of the stormwater outfall at Mount Diablo Creek for sediments in accordance with State Construction General Permit (CGP) regulations.
- b) Hydro-seeding or landscaping of all disturbed areas.
- c) BMPs, including landscaping or hydro-seeding of front and rear yards prior to acceptance of the subdivision.
- d) A site spill response plan.
- e) An erosion control plan including such items as installation of berms, silt fences, sedimentation basins and other measures to minimize off-site transport of soil. Topsoil should be stockpiled during grading and distributed over the ground surface after grading has been completed.
- f) Location of construction staging and materials storage areas.
- g) On-site retention and treatment of stormwater through the use of water quality basins, grassy swales, biofilters and/or other methods acceptable to the City Engineer and the RWQCB. The project shall mitigate runoff quantities to the extent currently required by the City's NPDES Permit and Municipal Separate Storm Sewer System permit.
- h) Installation of structural treatment facilities to remove total suspended solids and total petroleum hydrocarbon products to the extent currently required by the RWQCB, or to the satisfaction of the City Engineer. The methods and designs shall be shown on the grading and improvement plans, as appropriate, for review and approval by the City Engineer.

98.	Prior to commencement of any site work that will result in a land disturbance of one acre or more, the Developer shall provide evidence to the City that the requirements for a stormwater State CGP have been met.
99.	The Developer shall ensure that all project contractors shall conform to the requirements of the "Best Management Practices for Construction Sites" required by the City, including detention and/or filter materials to preclude an increase in water quantity and quality impacts from debris and sediments entering the stormwater system over "non-development" conditions.
100	D The deeds for lots 1, 2, and 3 shall contain wording that notifies future owners of the potential serious risks to the respective owners and residents from failure of the CCWD Seminary Water Tank and subsequent inundation of the respective lots and property. The notification wording on the deed shall be subject to the review and approval by the Community Development Director.
101	The Developer shall dedicate to the City easements for drainage improvements. The volume and rate of stormwater runoff from the site shall not

exceed the amounts allowed by Section C.3 of the City's stormwater permit. The

maintenance (including monitoring and reporting) of these facilities with a funding mechanism acceptable to the City that addresses costs for capital replacement, inflation, and administration. 102. The Developer shall prepare an operations and maintenance plan, including a schedule for ongoing maintenance and replacement, for the stormwater facilities. The plan shall be submitted for review and approval of the City Engineer prior to recordation of the final map. 103. The quantity and rate of stormwater runoff may take into consideration any applicable comments from the Contra Costa County Flood Control and Water Conservation District (FC District) to ensure that the quantity and creation of runoff from the site does not exceed historic rates and does not adversely impact downstream drainage facilities. 104. The Developer shall provide all project property owners with Clean Water Program educational materials. 105. The Developer shall construct the County Standard Plan CD52i, Type "M" Headwall Structure at the headwall proposed at the easterly property limits. 106. The Developer shall obtain a Contra Costa County Drainage Permit for any work within the County territory. **Utility Conditions** 107. All utilities shall be sized to accommodate buildout of the MCRSP buildout. 108. The Developer shall dedicate an 8-foot-wide public utility easement along project's entire frontage on the north side of the Marsh Creek Road. 109. The Developer shall, in the joint trench and across the project road at two locations specified by the City Engineer, install two four-inch conduits and pullboxes with pull lines for City use for future telecommunication purposes. Conduits shall be installed in the public utility easement with termination at residential property lines. 110. The Developer shall install all underground utilities (including sewers, water, storm drains, and joint trench) along the entire extent of the project road to the easterly boundary for possible future extension. 111. Prior to approval of the final map, the Developer shall agree to financially participate, on a fair share basis as determined by the City, in a funding program to design, install, and/or upgrade any downstream sewers serving the MCRSP area. If the funding program has been established prior to the approval of the final

project shall bear the financial responsibility of the construction and perpetual

map, payment of the Developer's share shall be made prior to approval of the f map.		
	Sanitary sewers sł to invert.	nall have a maximum depth of 10 feet from finished
applic	<del></del>	all connect to the sanitary sewer system, obtain icable fees required by the City of Concord Public
		ss and maintenance easements for underground of the facility with a minimum width of 10 feet.
-	Underground facilot within slope areas.	lities crossing lots shall be located in flat portions of the
and pl appro	notometrics showing levels val of the Community Develoward-oriented fixtures shal	be provided on the project road. Street light standards of illumination shall be submitted for the review and elopment Department. "Cut-off' fixtures and I be used to minimize spillover of lighting into
	Street lighting sha	ll be installed and activated prior to occupancy of the
		ay for the cost of installation, activation, and electrical abdivision improvements by the City Council.
		all prepare a construction traffic plan for the review r which addresses the following issues:
	proposed sub Creek Road. b) Warning devi and west of t	on traffic associated with the development of the division safely enters and exits the site from Marsh ces (e.g., mobile reader boards) shall be located east the project site entrance to alert motorists of turning by construction vehicles.
the pr gradir propo	es (including, but not limite oject road from Marsh Cre og or the construction of im sed grading and improvem	obligated to construct all street improvements and d to, sanitary sewer, storm drain, and joint trench) in ek Road to the project's easterly boundary. To avoid provements on the adjoining property to the east, the ents may be shortened the least amount possible. That rther than 3 feet from the project boundary.
121 bearir		ne final map, the Developer shall provide an interest- posit or cash bond, in an amount to be determined by

on the tentative map at some undetermined time in the future. 122. Prior to approval of any grading or construction plans or maps, the Developer shall provide any necessary rights of entry, drainage easements, slope and/or grading easements, as may be required by the City Engineer, from adjoining property owners. Refer also to Advisory Notes. 123. The Developer shall also provide written approval from the CCWD and the oil pipeline easement holders and operators for the proposed work within any easements controlled by said parties. Refer also to Advisory Notes. 124. All work shall be designed and constructed in accordance with the Municipal Code, as well as the City's Standard Plans, Contra Costa County plans where applicable, and Specifications. 125. Upon recording of the final map, the City shall be given a full size, reproducible, Mylar photocopy of the recorded map and an electronic file of the map in a form which can be imported into AutoCAD, and configured as directed by the City Engineer. 126. Upon completion of the improvements and prior to City Council acceptance, the City shall be given a full size, reproducible copy of the improvement plans, and an electronic version in AutoCAD, annotated to reflect any changes that occurred during construction and signed by the Project Engineer, on USB key or-other means acceptable to the City Engineer. 127. Should the construction of any offsite improvements shown on the tentative map or required in these conditions of approval, necessitate the acquisition of sufficient title or interest in lands not controlled by the Developer, the Developer shall make a good faith effort to obtain the necessary title or interest prior to the filing of the final map pursuant to Section 66457 of the Subdivision Map Act. If the Developer is unable to obtain the necessary title or interest and has demonstrated a good faith effort to the City's satisfaction (including, but not limited to, preparation of an appraisal and submittal of a bona fide offer based on the appraisal), the City shall approve the final map, and, within 120 days of filing of the final map, obtain the necessary title or interest in accordance with Section 66462.5 of the Subdivision Map Act. The Developer shall pay for all costs, including City's legal, overhead, and administrative costs, involved in the acquisition of the necessary title or interest. 128. At the City's sole discretion, if the Developer has made the good faith effort described above and was not able to obtain the required rights of entry or easements, in lieu of the City obtaining the necessary rights of entry and/or easements, the City may allow the proposed improvements to be modified to eliminate the need for such rights of entry and/or easements. Should the City allow such modifications and prior to the filing of the final map, the Developer shall provide a non-refundable cash

the City Engineer, for use by the City in the completion of the improvements as shown

deposit or cash bond, in an amount to be determined by the City Engineer, for use by the City in the completion of the improvements as shown on the tentative map at some time in the future.

The Developer shall underground the wires from the south side of Marsh Creek Road, across the development, to the CCWD property. All new utility lines shall be underground including those crossing Marsh Creek Road.

#### **ADVISORY NOTES**

THE FOLLOWING INFORMATION DOES NOT CONSTITUTE CONDITIONS OF APPROVAL. IT IS PROVIDED TO ALERT THE APPLICANT TO LEGAL REQUIREMENTS OF THE CITY AND OTHER PUBLIC AGENCIES TO WHICH THIS PROJECT MAY BE SUBJECT.

# NOTICE OF 90-DAY OPPORTUNITY TO PROTEST FEES, DEDICATIONS, RESERVATIONS, OR OTHER EXACTIONS PERTAINING TO THE APPROVAL OF THIS PERMIT.

This notice is intended to advise the applicant that pursuant to Government Code Section 66000, et seq., the applicant has the opportunity to protest fees, dedications, reservations, and/or exactions required as part of this project approval. The opportunity to protest is limited to a 90-day period after the project is approved.

The ninety (90) day period, in which you may protest the amount of any fee or the imposition of any dedication, reservation, or other exaction required by this approved permit, begins on the date this permit was approved. To be valid, a protest must be in writing pursuant to Government Code Section 66020 and delivered to the Community Development Department within 90 days of the approval date of this permit.

- A. The applicant/owner should be aware of the expiration dates and renewing requirements prior to recording the Final Maps.
- B. Comply with the requirements of the Concord Sanitary District.
- C. Comply with the requirements of the CCWD.
- D. Comply with the requirements of the Consolidated Fire Protection District.
- E. Comply with the requirements of the Health Services Department, Environmental Health Division.
- F. Comply with the requirements of the Contra Costa County Building Inspection Department. Building permits are required prior to the construction of the proposed residences.
- G. This project may be subject to the requirements of the CDFW. It is the applicant's responsibility to notify the CDFW, P.O. Box 47, Yountville, California 94599, of any proposed construction within this development that may affect any fish and wildlife resources, per the CDFW Code.

H. This project may be subject to the requirements of the USACE. It is the applicant's responsibility to notify the appropriate district of the USACE to determine if a permit is required, and if it can be obtained.

# **Contra Costa County Flood Control District Advisory Notes**

- Prior to issuance of the grading permit, the developer shall obtain a 1010
   Drainage Permit from the FC District for any construction work (grading, dewatering, etc.) within the existing open drainage channel in unincorporated Contra Costa County.
- Prior to filing the final map, the developer shall enter into an Operations and Maintenance agreement with the City of Clayton (City), that creates a perpetual funding source for maintenance and repair, and includes yearly inspections, of onsite stormwater management facilities that are constructed to mitigate the development's drainage impacts on County and City residents and properties downstream of the development.

## **Contra Costa Fire Protection District Advisory Notes**

- Provide emergency apparatus access roadways with all-weather (paved) driving surfaces of not less than 16 feet unobstructed width, and not less than 13 feet 6 inches of vertical clearance, to within 150 feet of travel distance to all portions of the exterior walls of every building. Access shall have a minimum outside turning radius of 35 feet, and must be capable of supporting the imposed fire apparatus loading of 22 tons. Access roadways shall not exceed 20% grade. Grades exceeding 16% shall be constructed of grooved concrete. (503 and tables B105.1 (1) Table C105.1)) CFC
- Access roadways of less than 28-feet unobstructed width shall have signs posted or curbs painted red with the words NO PARKING — FIRE LANE clearly marked. (22500.1) CVC, (503.3) CFC
- Access roadways of 28 feet or greater, but less than 36-feet unobstructed width shall have NO PARKING— FIRE LANE signs posted, allowing for parking on one side only or curbs painted red with the words NO PARKING — FIRE LANE clearly marked. Parking is permitted only on the side of the road that does not have hydrants. (22500.1) CVC, (503.3)
- Lot 2 as proposed shall require the installation of an approved Fire District turnaround. Dead-end emergency apparatus access roadways in excess of 150 feet in length shall be provided with approved provisions for the turning around of Fire District apparatus. Contact the Fire District for approved designs. (503.2.5) CFC
- The dead-end turnaround at the end of Sage Lane appears to comply with Fire District requirements.

- Access gates for Fire District apparatus shall be a minimum of 16 feet wide.
   Access gates shall slide horizontally or swing inward and shall be located a minimum of 30 feet from the street. Electrically operated gates shall be equipped with a Knox Company key-operated switch. Manually operated gates shall be equipped with a non-casehardened lock or approved Fire District lock. Contact the Fire District for information on ordering the key-operated switch. (D103.5) CFC.
- The Developer shall provide an adequate and reliable water supply for fire protection as set forth in the California Fire Code. (507.1) CFC
- The Developer shall provide an adequate and reliable water supply for fire protection with a minimum fire flow of 500 gallons per minute. Required flow must be delivered from not more than 1 hydrant flowing for a duration of 30 minutes while maintaining 20-pounds residual pressure in the main. (507.1), (B105) CFC
- The Developer shall provide 2 hydrants of the East Bay type. (C103.1) CFC
- The Developer shall submit a minimum of two copies of site improvement plans indicating all existing or proposed hydrant locations and fire apparatus access for review and approval prior to obtaining a building permit. Final placement of hydrants shall be determined by this office. (501.3) CFC
- Emergency apparatus access roadways and hydrants shall be installed, in service, and inspected by the Fire District prior to construction or combustible storage on site. (501.4) CFC
- Note: A temporary aggregate base or asphalt grindings roadway is not considered an all-weather surface for emergency apparatus access. The first lift of asphalt concrete paving shall be installed as the minimum roadway material and must be engineered to support the designated gross vehicle weight of 22 / 37 tons.
- The homes as proposed shall be protected with an approved automatic fire sprinkler system complying with the 2016 edition of National Fire Protection Association (NFPA) 13D or Section R313.3 of the 2016 California Residential Code (CRC). Submit a minimum of two sets of plans to this office for review and approval prior to installation. (903.2) CFC, (R313.3) CRC, Contra Costa County Ordinance 2016-23
- The homeowner shall maintain an effective firebreak by removing and clearing away flammable vegetation and combustible growth from areas within 30 feet of buildings or structures. (1276.01) P.R.C.
- Where existing access to open land or space, or to fire trail systems maintained for public or private use is obstructed by new development of any kind, the developer shall provide an alternate means of access into the area that is sufficient to allow access for fire personnel and apparatus. These access roadways shall be a minimum of 16 feet in width to accommodate Fire District equipment.

- Access locations will be determined by this office upon submittal of three (3) copies of complete improvement plans. Contra Costa County Ordinance 2010-15
- Development on any parcel in this subdivision shall be subject to review and approval by the Fire District to ensure compliance with minimum requirements related to fire and life safety. Submit three (3) sets of plans to the Fire District prior to obtaining a building permit. (501.3) CFC
- The Developer shall submit a minimum of two (2) complete sets of plans and specifications of the subject project, including plans for any of the following required deferred submittals, to the Fire District for review and approval prior to construction to ensure compliance with minimum requirements related to fire and life safety. Plan review and inspection fees shall be submitted at the time of plan review submittal. (105.4.1) CFC, (901.2) CFC, (107) CBC
- Our preliminary review comments shall not be construed to encompass the complete project. Additional plans and specifications may be required after further review.

## **Contra Costa Water District Advisory Notes**

The project is within CCWD's treated water service area and the CCWD is the local water service provider for this project. This project parcel surrounds CCWD's Seminary Water Tank on three sides (west, south and east) and the District has an easement through this property to access this tank. The District will provide treated (potable) water services to this project per CCWD Code of Regulations Section 5 and has the following comments related to this provision of water service:

- The CCWD's pipelines in easements and rights-of-way shall be protected at all times. No encroachment is allowed onto CCWD property, and no construction within the CCWD easement is allowed without a permit from the CCWD.
- New trees may not be planted within the CCWD's easement or easement projection to right-of-way.
- The existing 4-inch blow-off appurtenance at the creek discharge at the new Diablo Parkway/Sage Lane intersection shall remain and be accessible for future CCWD maintenance.
- A water main extension will be required down Sage Lane to serve this new development.
- The existing water infrastructure will need to be evaluated and any modifications will need to be designed and constructed at the Developer's expense.
- Each premise to be provided domestic service will require its own service connection and meter.
- A separate meter for landscape irrigation may be required, and a separate irrigation meter will be needed for the common landscape areas.

- A separate fire service is required for each residence which will include a 1-inch meter and a 1-inch backflow prevention device. The water pressure in this area is high, so each residence will require a pressure-reducing valve.
- Relocation and/or abandonment of CCWD facilities may be required which will require a quitclaim of the existing casement. Easements for proposed facilities may be also required.
- The water main in the street or right-of-way shall be located opposite the proposed meter locations, with sufficient capacity and pressure as determined by CCWD. The project/property may require a main extension or addition of other infrastructure.
- The SWRCB mandates certain separation requirements of water mains that are parallel to and/or crossing sewer and storm drains. Grading and/or utility plans should be developed to comply with all separation criteria mandated in SWRCB Section 64572.
- Water service will likely require backflow prevention devices, which could reduce water pressure. Proper planning is necessary to ensure backflow prevention devices are located appropriately.
- Relocation of public facilities must be performed by CCWD forces.

# **CRIMSON PIPELINE L.P. Advisory Notes**

Construction Requirements in the Proximity of Crimson Pipelines

- Crimson Pipeline L.P. (Crimson) is committed to the continued, safe operation of
  its pipeline. The listed construction requirements are designed to help ensure that
  the pipeline is protected from excavation damage, encroachment or other risks
  that could adversely impact the pipeline or prevent required inspection and
  maintenance activities.
- Crimson requires two copies of any proposed plans for work within Crimson's right-of-way. Plans shall be provided 45 calendar days prior to commencement of work to the address listed above.
- Aboveground structures and improvements that interfere with the construction, maintenance, or repair of the pipeline are prohibited within Crimson's right-ofway. Structures and improvements include, but are not limited to, buildings, fences, and walls.
- Landscaped areas are permitted within the right-of-way. Trees and large bushes that impede the visual inspection of the ground surface are not permitted within the right-of-way. Crimson shall review all plans that encroach the pipeline and the pipeline right-of-way prior to 4.
- Federal law prohibits removing, damaging, or defacing of pipelines, pipeline signs, or other appurtenances installed on the pipelines right-of-way.

- Other utilities may be installed within the right-of-way with permission from Crimson. Such utilities must maintain a minimum of 5-feet-parallel and 1-footvertical clearances unless approved in writing by Crimson prior to their installation. All clearances must conform to existing state and federal regulations.
- A minimum of 3 feet, but not more than 6 feet of cover, must be maintained over the pipeline at all times, unless otherwise approved by Crimson in writing. The ground contour cannot be changed within the right-of-way without prior written permission by Crimson.
- Proposed roads and utility crossings should cross Crimson's right-of-way as close to 90 degrees as possible. If, in Crimson's sole judgment, additional precautions are required to protect Crimson's pipeline, Crimson shall review and approve the construction plans in writing prior to the start of construction.
- California State Law requires that parties notify Underground Service Alert at 1-800-227-2600 two full working days prior to digging.
- All work on/or around the Crimson facility must comply with appropriate sections of Code of Federal Regulations Title 49, Part 195 - TRANSPORTATION OF HAZARDOUS LIQUIDS BY PIPELINE.
- Crimson may choose to have an inspector on-site during any grading or excavation activities near the Crimson pipeline. Arrangements may be made for on-site inspection by contacting Crimson Utilities Coordinator at the address shown above.
- Crimson requires that all excavation in the vicinity of the pipeline be done with hand tools in the presence of the Crimson's inspector consistent with California State Law requirements. Any damage to the pipeline shall be reported immediately. Crimson shall perform the necessary repair to ensure the safety of the public safety. Crimson shall be reimbursed for all repair work necessary to continue with the safe, reliable operation of the pipeline.
- In an emergency, including any damage or suspected damage to the Crimson pipeline, immediately notify Crimson at: 1-866-351-7473.
- Any questions regarding construction activities in the vicinity of Crimson's pipeline shall be directed to:

CRIMSON PIPELINE L.P. 3760 Kilroy Airport Way, Suite 300 Long Beach, CA 90806 UTILITIES COORDINATOR

Ph: (562) 285-4112 or (833) 876-4589 Email: landdepartment@crimsonpl.com

General Encroachment Guidelines for Property Developers and Land Owners near Phillips 66 Pipeline LLC and Facilities

Company (Permittor) constructs, repairs, operates and maintains its pipelines in compliance with current U.S. Department of Transportation (DOT) regulations and industry and Company standards for safe operations. Should Encroaching Party (Permittee) propose plans that infringe on Permittor's rights or affect Permittor's ability to meet these requirements, modifications to the pipelines or plans shall be made. The cost of all such modifications shall be borne by the Permittee. The following guidelines apply to Permittee and any contractors, agents and or representatives it uses for construction activities conducted in Permittor's right-of-way and/or affecting Permittor's pipelines:

- Permittee requesting Permittor to restrict the right-of-way width will have a
  metes and bounds survey of the line completed across the land by a registered
  land surveyor at the Permittee's expense. The Permittee will provide proof of
  ownership of the property (i.e., warranty deed).
- Uninhabited Buildings and Engineered Works: No buildings, engineering works, patios, in- ground swimming pools, septic systems, or other permanent structures shall be permitted within 25 feet of any pipeline located within Permittor's right-of-way. No temporary structures, storage containers, construction equipment or vehicle parking will be permitted within 25 feet of any pipeline located within Permittor's right-of-way, without Permittor's prior written approval. Retaining walls are not permitted. This includes all water retention devices. Large debris such as old cars, trailers, scrap metal, etc., will not be permitted on the right-of-way. The right-of-way shall be kept clear for maintenance.
- Inhabited Structures: All private dwellings, industrial buildings, or places of public assembly shall comply with a building setback of 50 feet from the pipeline(s), and this setback requirement will be included as a deed and or plat restriction on any parcel carved out of the above referenced lands that abut the right-of-way. For easements containing multiple Permittor pipelines, this would be a strip extending 50 feet each side of Permittor's outermost pipelines.
- A greenbelt area will be established around the pipelines in the platting of any new residential or commercial subdivision subject to Permittor's easement. The width of the greenbelt should either be the width of Permittor' easement or, in the case of a blanket easement, extend 25 feet each side of a single Permittor pipeline or 25 feet each side of Permittor's outermost pipelines in the case of multiple Permittor pipelines. The purpose of a platted greenbelt in any new proposed development is to provide that no lot lines or fences cross into the right-of-way.
- No fences will be allowed on the right-of-way without Permittor's prior written approval. Fences shall be easily removable and not obstruct the view of the rightof-way for inspection purposes. No masonry, brick, or stone fences will be allowed. Fences that are perpendicular to the pipeline(s) shall include a gate or other form of access across the width of the right-of-way. Fence posts shall not be placed within 4 feet of the pipeline(s). Fences that are parallel to the pipeline(s)

- shall be located at least 10 feet from the nearest pipeline(s), or 25 feet if located on both sides of the line.
- No utility poles shall be allowed to cross the right-of-way if they interfere with future maintenance. Utility poles, guy wires, or anchors shall not be placed within 8 feet of the pipeline(s). Utility poles running parallel to the pipeline(s) shall be located at least 25 feet from the nearest pipeline(s). All overhead cables shall maintain a minimum height of 20 feet above grade.
- Trees or deep-rooted plants are not permitted on the right-of-way. Existing trees and vegetation may be removed or side trimmed by Permittor in its sole discretion.
- For new roads running parallel to Permittor's pipeline(s), there shall be at least 25 feet from the edge of the road to the nearest pipeline. All roads passing over Permittor's pipeline(s) shall cross at an angle as close to 90 degrees as possible. Depth of cover shall be at least 48 inches in the barrow ditches and 48 inches under road surfaces from top of pipe to top of surface. Final grade and depth of pipeline shall be surveyed in sensitive areas and results provided to Permittor and Permittee involved with the construction/modification. In addition, it may be necessary to lower and recondition, replace, relocate, or protect the pipeline(s) at the point of crossing to ensure that they are not subjected to excessive stress from movement of traffic. Any such modification to the pipeline(s) shall be made at Permittee's expense.
- Construction of parking lots over the pipeline(s) shall not be permitted without Permittor's prior written approval in an Encroachment Agreement releasing Permittor from any and all future damages to the parking lot due to pipeline maintenance and repair. Depth of cover shall be at least 48 inches from top of pipe to top of finished surface. Concrete parking lots shall have jointed sections at no more than 20-foot intervals for ease of repair.
- If the project includes over-excavating to achieve the final grade, pipeline
  protective measures shall be discussed and agreed to in advance by the Permittor
  and the Permittee.
- Any utilities that parallel Permittor's pipeline(s) shall maintain a minimum separation distance of 25 feet from the utility's outside wall to the outside wall of Permittor's pipeline(s). All utilities that cross Permittor's pipeline(s) shall pass underneath existing pipeline(s) by a minimum of 18 inches and the crossing shall be as close to 90 degrees as possible and adequately marked on both sides of such pipeline(s). The markers shall be maintained by Permittee in the future. Any future relocation of the utility line due to Permittor's pipeline maintenance shall be done at the Permittee's expense. Any exceptions to these requirements shall not be allowed without Permittor's prior written approval.
- Telephone cables, TV cables, secondary electrical lines (240vac or less), and nonsteel gas lines shall be in a minimum Schedule 40 steel or PVC casing. Primary

(high voltage) underground electrical lines shall be in a minimum Schedule 40 PVC casing and have a minimum clearance of 24 inches underneath Permittor's pipeline(s). Trenched or open cut crossings shall also be covered with a red concrete slab a minimum of 4 inches thick and 24 inches wide for a distance of 10 feet on both sides of the pipeline(s). Any bored or directionally drilled high voltage line shall have a metallic tape tracer installed inside the casing for ease of locating the high voltage line.

- If any of Permittee's lines that cross or run parallel to Permittor's pipeline(s) are installed and constructed of a material requiring cathodic protection, an interference survey shall be made by Permittor and Permittor shall determine what necessary steps shall be taken to prevent the damage of either line. The survey shall be done at Permittor's expense. Any measures required to address interference issues as a result of the installation of the Permittee's lines shall be done at Permittee's expense.
- Grade or elevation changes may not be made without Permittor's prior written approval. Changes in grade for the purpose of water retention shall not be approved.
- Permittee shall maintain a minimum of 48 inches of soil cover over Permittor's pipeline(s) across the entire width of the Encroachment. If sufficient cover does not currently exist, then at Permittee's sole cost and expense, the line shall be lowered or additional cover provided for placement over the right-of-way. Cover over the lines may not exceed 6 feet without Permittor's prior written approval. The method of achieving the required depth of cover shall be at Permittor's sole discretion.
- The Permittor retains the right to adequately mark the Permittor's pipelines with permanent line markers to ensure public safety and the future safe operation of the lines. DOT Regulations state that any person who willfully and knowingly defaces, damages, removes, or destroys any pipeline sign or right-of-way marker shall be subject to a fine, imprisonment, or both. The Permittee is required by State law to contact the local One-Call Center at least 48 hours prior to any excavation taking place near the pipeline(s). The Permittor reserves the right to have an inspector or representative on the job to oversee all construction within the right-of-way.
- The Permittee shall allow no material or equipment to be used in the construction
  of the Encroachment that would hinder or impair Permittor's ability to safely
  maintain and operate Permittor's pipeline(s). Temporary construction roads or
  crossings over Permittor's pipelines must be approved in advance in writing by
  Permittor. Permittee shall provide additional cover and/or stabilization to
  specifications determined by Permittor prior to commencement of traffic across
  pipelines.

- Permittee shall not allow the Encroachment to create an erosion problem along the right-of-way, and should such an erosion problem arise then Permittee, at Permittee's sole cost and expense, shall immediately correct the problem.
- Permittee will incorporate Permittor's Design Guidelines contained herein into any of Permittee's design and construction drawings issued "For Bid" purposes.
   All plan drawings issued either "For Bid" or "For Construction" will display the following statement on the drawings in areas around Permittor's pipeline(s):

# **WARNING: High Pressure Pipeline(s)**

No Excavation or Construction in this area without ONE- CALL and without contacting Phillips 66 PipeLine LLC (P66PL)